

Issue Date: 06-Oct-2014

Revision Date: 01-Apr-2017

Version 2

1. IDENTIFICATION

Product Identifier

Product Name CHAIN & CABLE LUBRICANT

Other means of identification

SDS #

Item# M-15765

Recommended use of the chemical and restrictions on use

Recommended Use Part Lubricating

Details of the supplier of the safety data sheet

Supplier Address

Ashburn Chemical Technologies
 403 Wright Rd
 Houston, TX 77041

Emergency Telephone Number

Company Phone Number 832-399-1000

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Opaque, grey

Physical State Liquid

Odor Mild, hydrocarbon-like

Classification

Flammable liquid	Category 4
Skin Corrosion/Irritation	Category 2
Eye corrosion/irritation	Category 2A
Specific Target Organ Toxicity (Central Nervous System)	Category 3
Aspiration Hazard	Category 1

Signal Word

DANGER

Hazard Statements

Combustible liquid.
 Causes skin irritation.
 Causes serious eye irritation
 May causes drowsiness or dizziness.
 May be fatal if swallowed and enters airways.



Precautionary Statements - Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/ eye protection/ face protection.
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well ventilated area

Precautionary Statements – Response

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a poison center or doctor/physician
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Distillates (pet), hydrotreated light	64742-47-8	Proprietary
Solvent naphtha (pet), medium aliph.	64742-88-7	Proprietary

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash contact areas with soap and water. Remove contaminated clothing and lauder before reuse. If skin irritation occurs: Get medical advice/attention.
Inhalation	Remove from further exposure and keep person at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.
Ingestion	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

Most important symptoms and effects

Symptoms of over-exposure	Headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin. See SECTION 11 for delayed and chronic effects.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
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5. FIRE-FIGHTING MEASURES

Suitable / Unsuitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames. DO NOT use high volume water jet (could cause fire to spread).
Specific Hazards Arising from the Chemical	Combustible liquid; Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.
Hazard Combustion Product	A mixture of airborne solids, liquids and gases including smoke, fumes, carbon oxides will be evolved when this material undergoes combustion.
Protective equipment / Precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin. Avoid breathing dust/fume/gas/mist/vapors/spray See SECTION 8 for Personal Protective Equipment
Environmental Precautions	Prevent entry into waterways, rivers, lakes, drains, surface water, or ground water. Prevent further leakage or spillage if safe to do so. See SECTION 12 for Ecological Information
Methods for Clean-Up	Absorb or cover with dry earth, sand or other non-combustible material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal

7. HANDLING AND STORAGE

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Smoking, eating and drinking should be prohibited in the application area See SECTION 8 for Personal Protection. See SECTION 2 for Precaution Statements.
Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature 5-40°C (41-104°F)
Incompatible Materials	Oxidizing agents. Strong alkalis. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH	OSHA	NIOSH STEL
Distillates (pet), hy-drotreated light 64742-47-8 and/or Solvent naphtha (pet), med aliph. 64742-88-7	TWA: 200 mg/m ³ (total hydrocarbon vapor)	TWA: 2,000 mg ³ 500 PPM OSHA Z-1 TWA: 1,600 mg ³ 400 PPM OSHA Z-P0	

Legend: **ACGIH:** American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
NIOSH: National Institute for Occupational Safety and Health

TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit

Appropriate engineering controls

Engineering Controls Provide exhaust ventilation or adequate ventilation is required to keep airborne concentrations of vapors below their respective threshold limit value (TLV).
Maintain eye wash fountain and quick-drench facilities in work area.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side shields.

Skin and Body Protection Chemical or oil resistant clothing is recommended.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.
In case of inadequate ventilation wear respiratory protection

General Hygiene Considerations Avoid contact with skin, eyes and clothing.
After handling this product, wash hands before eating, drinking, or smoking.
Remove contaminated clothing and lauder before reuse

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid		
Appearance	Opaque		
Color	Grey	Odor	Mild, hydro-carbon like
		Odor Threshold	Not determined
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not determined		
Melting Point/Freezing Point	-58 °C (-72 °F)		
Boiling Point/Boiling Range	158 - 243.3 °C (316 - 469.9 °F)		
Flash Point	61 - 66 °C (142 - 151 °F)		
Evaporation Rate	< 1		
Flammability	Expected 61 - 66 °C (142 - 151 °F)	Closed Cup	
Upper Explosion Limit	5.5 - 6% (V)		
Lower Flammability Limit	0.6 - 0.7 (V)		
Vapor Pressure	0.225-0.6975 mmHg	@ 0 -25 °C	
Specific Gravity	0.78 - 0.81		
Water Solubility	Insoluble		
Solubility in other solvents	Not determined		
Kinematic Viscosity	1.8 mm ² /s	@ 38°C (100°F)	
Partition Coefficient	Not determined		
Auto-ignition Temperature	235 - 315 °C / 455 - 600°F		

10. STABILITY AND REACTIVITY

Reactivity Not reactive under normal conditions.

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions Stable under recommended storage conditions.

Conditions to Avoid Keep away from heat, flame, sparks and other ignition sources.

Incompatible Materials Oxidizing agents. Strong alkalis. Strong acids. Chlorine. Oxygen

Hazardous Decomposition Products Carbon oxides. Irritating aldehydes and ketones when heated to combustion.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	Irritating to eyes.
Skin Contact	Skin absorption. Prolonged contact may degrease the skin but not sensitize to skin.
Inhalation	May cause drowsiness or dizziness. The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.
Ingestion	May be fatal if swallowed. Do not induce vomiting, may increase risk of product aspiration.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute Effects	Not applicable.
Chronic Effects	Prolonged inhalation may be harmful.

Information on physical, chemical and toxicological effects**Component Information**

Component/ CAS#	Oral LD50	Dermal LD50	Inhalation LC50
64742-47-8 / 64742-88-7	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	5610 mg/m ³ (Rat) 4 h

Aspiration hazard	May be fatal if swallowed and enters airways.
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, OSHA, NTP.
STOT- repeated/single exposure	Not determined.
Gem Cell Mutagenicity	No data available.
Reproductive Toxicity	No data available.
Other information	Risk of chemical pneumonia after aspiration into lung

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not expect to be harmful to aquatic organism
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Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Naphtha (pet), hydrotreated heavy Distillates (pet), hydrotreated light CAS# 64742-48-9 / 64742-47-8	Pseudokirchneriella subcapitata (green algae) 1mg/L 72 h EL50 Static Test	Oncorhynchus mykiss (rainbow trout) 10 mg/L 96 h LL50 Semi-static Test		Daphnia magna (water flea) 1.4 mg/L 48 h EL50 Static Test

Persistence/Degradability	Readily biodegradable
Bioaccumulation	Bioaccumulation is unlikely to be significant because of the low water solubility
Mobility	Not data available.
Other Adverse Effects	No other adverse environmental effects (ozon depletion, photochemical ozone creation)

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Non-bulk containers (<450L or 119 Gal Capacity) of the material may be shipped as non-regulated when transported solely by land (49 CFR 173.150)
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT UN 1268, PETROLEUM DISTILLATES, N.O.S, CBL, III

IATA UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (MIXTURE OF PETROLEUM DISTILLATES) , 9, III

IMDG UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (MIXTURE OF PETROLEUM DISTILLATES), 9, III,
Marine Pollutant (MIXTURE OF PETROLEUM DISTILLATES).

15. REGULATORY INFORMATION

International Inventories The component(s) of this product are either on the inventory or compliance with the inventory of the countries listed below:

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Naphtha (pet), hydrotreated heavy and/or Distillates (pet), hydrotreated light 64742-48-9 / 64742-47-8	X	X		X		X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

WHMIS Classification B3: Combustible Liquid
D2B Toxic Material Causing Other Toxic Effects

US Federal Regulations

CERCLA This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories Fire Hazard. Acute Health Hazard

SARA 313 Sec 313, Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA)
This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Naphtha (pet), hydrotreated heavy and/or Distillates (pet), hydrotreated light 64742-48-9 / 64742-47-8	X	X	X

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	1	2	0	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	2	0	Not determined

Issue Date: 06-Oct-2014
1st Revision Date: 12-Jan-2016
2nd Revision Date: 01-Apr-2017
Revision Note: Updated all sections.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet